Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11 (Cancelled).

12. (Previously Presented) A method for producing a display apparatus constructed by arranging a plurality of display units arranged with a plurality of display components, said method comprising the steps of:

obtaining characteristic values for said respective display units respectively;

ranking said display units on the basis of said obtained characteristic values;

partitioning an arrangement area (Z10) for said plurality of display units of said display apparatus to designate ranks of said display units to be arranged in respective areas (Z11, Z12); and

arranging said display units in accordance with said designation to manufacture said display apparatus.

13. (Previously Presented) The method for producing said display apparatus according to claim 12, wherein when said ranked display units are arranged in said designated areas (Z11, Z12), said display units, which are ordered in an identical rank, are arranged in accordance with a predetermined rule.

14. (Previously Presented) The method for producing said display apparatus according to claim 12, wherein:

said arrangement area (Z10) for said display units is partitioned into a central portion (Z11) and a peripheral portion (Z12); and

said display units having high ranks are arranged in said central portion (Z11), and said display units having low ranks are arranged in said peripheral portion (Z12).

15. (Previously Presented) The method for producing said display apparatus according to claim 12, wherein:

when said characteristic value includes an average luminance of said plurality of display components for constructing said display unit and a number of deficiencies of said display components;

said ranking is determined by overall evaluation on the basis of a rank based on said average luminance and a rank based on said number of deficiencies.

16. (Previously Presented) The method for producing said display apparatus according to claim 15, wherein;

said arrangement area (Z10) for said display units is partitioned into a central portion (Z11) and a peripheral portion (Z12); and

said display units having high ranks based on said number of deficiencies are arranged in said central portion (Z11), and said display unit having low ranks based on said number of deficiencies are arranged in said peripheral portion (Z12).

17. (Previously Presented) The method for producing said display apparatus according to claim 16, wherein said display units having substantially identical ranks based on said average luminance are arranged in said central portion (Z11) and said peripheral portion (Z12).

18. (New) A method for producing a display apparatus constructed by arranging a plurality of display units arranged with a plurality of display components, said method comprising the steps of:

displaying a uniform image on said display apparatus to detect luminances of said respective display components;

calculating luminance target values of said respective display components by averaging said luminances of said display component and said plurality of display components arranged therearound, wherein said plurality of display components, which are arranged around said display component, are included in a group of said

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display components corresponding to (2m + 1) rows aligned in a vertical direction, and they are included in a group of said display components corresponding to (2n + 1) columns aligned in a horizontal direction;

regarding an obtained average value as said luminance target value of said display component; and

calculating luminance correction coefficients for said respective display components on the basis of said luminance target values of said respective display components.

19. (New) The method for producing said display apparatus according to claim 18, wherein when M individuals of said display components are arranged in vertical direction, N individuals of said display components are arranged in horizontal direction, and (M × N) individuals of said display components are provided in total for one of said display units, then m and n satisfy the following expressions provided that α and β are variables of not less than 1 respectively:

$(1/2)M \leq 2m + 1 \leq \alpha M$

$(1/2)N \leq 2n + 1 \leq \beta N.$

20. (New) The method for producing said display apparatus according to claim 19, wherein α and β are set so that said display components, in each of which said luminance correction coefficient exceeds an upper limit value, have a number which is not more than a predetermined number.

21. (New) A method for producing a display apparatus constructed by arranging a plurality of display units arranged with a plurality of display components, said method comprising the steps of:

displaying a uniform image on said display apparatus to detect luminances of said respective display components;

calculating luminance target values of said respective display components;

calculating luminance correction coefficients for said respective display

components on the basis of said luminance target values of said respective display components;

retrieving said display component which exhibits a minimum value of said calculated luminance target values; and

increasing said current luminance target value by a certain value for said retrieved display component.

11.

22. (New) A method for producing a display apparatus constructed by arranging a plurality of display units arranged with a plurality of display components, said method comprising the steps of:

displaying a uniform image on said display apparatus to detect luminances of said respective display components;

calculating luminance target values of said respective display components;

calculating luminance correction coefficients for said respective display components on the basis of said luminance target values of said respective display components;

retrieving said display component which exceeds a threshold value of said calculated luminance target values; and

decreasing said current luminance target value to said threshold value for said retrieved display component.

12.

23. (New) A method for producing a display apparatus constructed by arranging a plurality of display units arranged with a plurality of display components, said method comprising the steps of:

displaying a uniform image on said display apparatus to detect luminances of said respective display components;

calculating luminance target values of said respective display components;

calculating luminance correction coefficients in consideration of color temperature for said respective display components on the basis of said luminance target values of said respective display components, comprising the steps of:

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performing standardization for said calculated luminance target values for said respective display components in accordance with a color scheme respectively;

making amendment so that values obtained after said standardization are included in a certain range; and

performing a restoring process for values obtained after said amendment in accordance with said color scheme respectively to obtain luminance target values in consideration of said color temperature.

13. 12

24. (New) The method for producing said display apparatus according to claim ~~23~~, wherein said step to obtain said luminance target values in consideration of said color temperature includes a process for multiplying a color temperature regulation constant.

14.

25. (New) A method for producing a display apparatus constructed by arranging a plurality of display units arranged with a plurality of display components, said method comprising the steps of:

displaying a uniform image on said display apparatus to detect luminances of said respective display components;

calculating luminance target values of said respective display components; and

calculating luminance correction coefficients for said respective display components on the basis of said luminance target values of said respective display components;

wherein said display unit is a display unit comprising an optical waveguide plate for introducing light from a light source thereinto, and a driving section provided opposingly to a first plate surface of said optical waveguide plate and arranged with said display components of a number corresponding to a large number of picture elements, wherein a screen image corresponding to an image signal is displayed on said optical waveguide plate by controlling a displacement action of an actuator element of said display component in a direction to make contact or separation with respect to said optical waveguide plate in accordance with an attribute of said image

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signal to be inputted so that leakage light is controlled at a predetermined portion of said optical waveguide plate.

15.

26. (New) A method for producing an optical switch apparatus constructed by arranging a plurality of optical switch units arranged with a plurality of optical switch components, said method comprising the steps of:

emitting light from said optical switch apparatus to detect luminances of said respective optical switch components;

calculating luminance target values of said respective optical switch components by averaging said luminances of said optical switch component and said plurality of optical switch components arranged therearound, wherein said plurality of optical switch components, which are arranged around said optical switch component, are included in a group of said optical switch components corresponding to (2m + 1) rows aligned in a vertical direction, and they are included in a group of said optical switch components corresponding to (2n + 1) columns aligned in a horizontal direction;

regarding an obtained average value as said luminance target value of said optical switch component; and

calculating luminance correction coefficients for said respective optical switch components on the basis of said luminance target values of said respective optical switch components.

16.

27. (New) The method for producing said optical switch apparatus according to claim 26, wherein when M individuals of said optical switch components are arranged in vertical direction, N individuals of said optical switch components are arranged in horizontal direction, and (M × N) individuals of said optical switch components are provided in total for one of said optical switch units, then m and n satisfy the following expressions provided that α and β are variables of not less than 1 respectively:

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$(1/2)M \leq 2m + 1 \leq \alpha M$

$(1/2)N \leq 2n + 1 \leq \beta N$.

17.

28. (New) The method for producing said optical switch apparatus according to claim 27, wherein α and β are set so that said optical switch components, in each of which said luminance correction coefficient exceeds an upper limit value, have a number which is not more than a predetermined number.

18.

29. (New) A method for producing an optical switch apparatus constructed by arranging a plurality of optical switch units arranged with a plurality of optical switch components, said method comprising the steps of:

emitting light from said optical switch apparatus to detect luminances of said respective optical switch components;

calculating luminance target values of said respective optical switch components;

calculating luminance correction coefficients for said respective optical switch components on the basis of said luminance target values of said respective optical switch components;

retrieving said optical switch component which exhibits a minimum value of said calculated luminance target values; and

increasing said current luminance target value by a certain value for said retrieved optical switch component.

19.

30. (New) A method for producing an optical switch apparatus constructed by arranging a plurality of optical switch units arranged with a plurality of optical switch components, said method comprising the steps of:

emitting light from said optical switch apparatus to detect luminances of said respective optical switch components;

calculating luminance target values of said respective optical switch components;

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calculating luminance correction coefficients for said respective optical switch components on the basis of said luminance target values of said respective optical switch components;

retrieving said optical switch component which exceeds a threshold value of said calculated luminance target values; and

decreasing said current luminance target value to said threshold value for said retrieved optical switch component.

20.

31. (New) A method for producing an optical switch apparatus constructed by arranging a plurality of optical switch units arranged with a plurality of optical switch components, said method comprising the steps of:

emitting light from said optical switch apparatus to detect luminances of said respective optical switch components;

calculating luminance target values of said respective optical switch components; and

calculating luminance correction coefficients for said respective optical switch components on the basis of said luminance target values of said respective optical switch components;

wherein said optical switch unit is an optical switch unit comprising an optical waveguide plate for introducing light from a light source thereinto, and a driving section provided opposingly to a first plate surface of said optical waveguide plate and arranged with said optical switch components of a number corresponding to a large number of optical switch contacts, wherein light output is turned ON/OFF and light is selectively led to only a specified output by controlling a displacement action of an actuator element of said optical switch component in a direction to make contact or separation with respect to said optical waveguide in response to an optical switch control signal to be inputted so that leakage light is controlled at a predetermined portion of the optical waveguide.

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32. (New) A method for producing an optical switch apparatus constructed by arranging a plurality of optical switch units arranged with a plurality of optical switch components, said method comprising the steps of:

obtaining characteristic values for said respective optical switch units respectively;

ranking said optical switch units on the basis of said obtained characteristic values;

partitioning an arrangement area (Z10) for said plurality of optical switch units of said optical switch apparatus to designate ranks of said optical switch units to be arranged in respective areas (Z11, Z12); and

arranging said optical switch units in accordance with said designation to manufacture said optical switch apparatus.

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33. (New) The method for producing said optical switch apparatus according to claim 32, wherein when said ranked optical switch units are arranged in said designated areas (Z11, Z12), said optical switch units, which are ordered in an identical rank, are arranged in accordance with a predetermined rule.

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34. (New) The method for producing said optical switch apparatus according to claim 32, wherein:

said arrangement area (Z10) for said optical switch units is partitioned into a central portion (Z11) and a peripheral portion (Z12); and

said optical switch units having high ranks are arranged in said central portion (Z11), and said optical switch units having low ranks are arranged in said peripheral portion (Z12).

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35. (New) The method for producing said optical switch apparatus according to claim 32, wherein:

when said characteristic value includes an average luminance of said plurality of optical switch components for constructing said optical switch unit and a number of

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deficiencies of said optical switch components;

said ranking is determined by overall evaluation on the basis of a rank based on said average luminance and a rank based on said number of deficiencies.

36. (New) The method for producing said optical switch apparatus according to claim 35, wherein:

said arrangement area (Z10) for said optical switch units is partitioned into a central portion (Z11) and a peripheral portion (Z12); and

said optical switch units having high ranks based on said number of deficiencies are arranged in said central portion (Z11), and said optical switch unit having low ranks based on said number of deficiencies are arranged in said peripheral portion (Z12).

37. (New) The method for producing said optical switch apparatus according to claim 36, wherein said optical switch units having substantially identical ranks based on said average luminance are arranged in said central portion (Z11) and said peripheral portion (Z12).

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